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United States Department of Agriculture

SERVICE AND REGULATORY ANNOUNCEMENTS

BUREAU OF ANIMAL INDUSTRY

JANUARY, 1926

[This publication is issued monthly for the dissemination of information, instructions, rulings, etc., concerning the work of the Bureau of Animal Industry. Free distribution is limited to persons in the service of the bureau, establishments at which the Federal meat inspection is conducted, public officers whose duties make it desirable for them to have such information, and journals especially concerned. Others desiring copies may obtain them from the Superintendent of Documents, Government Printing Office, Washington, D. C., at 5 cents each, or 25 cents a year. A supply will be sent to each official in charge of a station or branch of the bureau service, who should promptly distribute copies to members of his force. A file should be kept at each station for reference.]

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CHANGES IN DIRECTORY

Meat Inspection Granted

2—AD. Armour & Co., the F. C. Gross Co., Canal Street and Muskego Avenue, Milwaukee, Wis.

*105. California Dressed Beef Co., 3860 Santa Fe Avenue, Los Angeles, Calif.

169—A. Roberts & Oake (Inc.), 11 Terminal Way, Providence, R. I.

432. Colonial Provision Co. (Inc.), 33–39 John Street, Boston, Mass.

751. Kaplan's Kosher Meat Products, 592 Gravesend Avenue, Brooklyn, N. Y.

Meat Inspection Withdrawn

2—AC. Armour & Co., Shreveport, La.

20—AA. Wilson & Co., Springfield, Mass.

73. Howard Pancero, 2011 Branch Street, Cincinnati, Ohio.

186—A. Rath Packing Co., Dubuque, Iowa.

421. Vicksburg Dressed Beef Co., Vicksburg, Miss.

421—A. Vicksburg Dressed Beef Co., Vicksburg, Miss.

457. Roma Provision Co. (Inc.), Trenton, N. J.

502. Standard Packing Co., East St. Louis, Ill.

863. United Serum Co., Kansas City, Kans.

Purity Packing Co., (a subsidiary of Establishment 545, Republic Food Products Co.)

* Conducts slaughtering.

Meat Inspection Extended

183. Foell Supply Co., Chicago, Ill., to include Purity Packing Co.

Change in Name of Official Establishment

747. Howard Pancero, 256-258 Stark Street, Cincinnati, Ohio, instead of People's Packing House Co.

957. Sihler Serum Co., 210 Central Avenue, Kansas City, Kansas, instead of Sihler Hog Cholera Serum Co.

Change in Address of Official Establishment

688. Lester Pancero, 1815 John Street, Cincinnati, Ohio, instead of Rachel Street and Henshaw Avenue.

Change in Names of Officials in Charge

Albert Wiltshire, inspector in charge of meat inspection, care Sunlight Creameries, Washington Court House, Ohio, succeeds A. H. Carpenter.

Dr. E. B. Simonds, acting inspector in charge of tuberculosis eradication, 812 Fidelity Building, Baltimore, Md., succeeds Doctor Ladson.

Dr. E. C. Yoder, acting inspector in charge of tuberculosis eradication, Harrisburg, Pa., succeeds Doctor Quinn (deceased).

Remove from List of Officials in Charge

Dr. Philip F. R. Meyer, Vicksburg, Miss.

Notes

Vicksburg, Miss., meat inspection, is now a substation of Natchez, Miss., under the supervision of Dr. W. K. McConnell.

The names of Morris & Co., and the North American Provision Co., should be added to Establishment 2-V, Armour & Co., as subsidiaries thereof.

The Vienna, Va., station, investigations concerning roundworms of sheep, has been moved to McNeill, Miss. Dr. Cooper Curtice, care Mississippi Coastal Plain Experiment Station, will continue in charge.

On page 17 of the new directory add "Independent Packing Co." as a subsidiary under Establishment *64-A. Also strike out "Co." after Establishment *94, Louis Pfaelzer & Sons.

NOTICE REGARDING MEAT INSPECTION

EXCESSIVE QUANTITY OF SODIUM NITRATE IN PUMPING PICKLE

It has been ascertained that some establishments are regularly using pumping pickles containing sodium nitrate or saltpeter far in excess of any quantity which could possibly be utilized in the curing process. Although the use of sodium nitrate or saltpeter is permitted under the meat-inspection regulations and no limits for permissible quantities have been set, it must not be forgotten that these salts are capable of injury to human health if consumed in excess. Use of them in quantities greater than are required to accomplish the purpose for which they are used, namely, the fixation of color, is needless, wasteful, and tends to impair the wholesomeness of the meat. The presence of excessive nitrate also has an adverse effect on quality and flavor.

The color-fixing action of the nitrate contained in the pumping pickle is of little consequence, since this pickle does not, as a rule, become widely distributed throughout the piece of meat, but remains as an area of local concentration near the point of deposition. Neither is any great salt strength required for the purpose of preservation, since the development of the organisms which cause spoilage is checked by as little as 3 per cent salt. It is known that a pumping pickle made by dissolving 1 pound of sodium nitrate in 100 gallons of brine of 65° salometer strength has been used with success. Moderate salt strength is recommended, as high salt strength appears to interfere with the reduction of nitrate to nitrite and consequently delays the fixation of color.

Although no limits to the quantities of sodium nitrate or saltpeter which may be added to meats have been set, and although the practice of pumping meats has been formally sanctioned, abuse of these curing agents can not be permitted. Until further notice, sodium nitrate or saltpeter in excess of 1 per cent will be held excessive in pumping pickle, since it is known that pickling solutions containing materially less than this per cent are being successfully used. Establishments using pumping pickles of excessive nitrate strength are cautioned against continuance of the practice. The meat-inspection laboratories will hereafter determine the nitrate strength of samples of pumping pickle and report the findings to the inspector in charge. Persistent use of pumping pickle of excessive nitrate strength shall be brought to the attention of the bureau by the inspector in charge.

ANIMALS SLAUGHTERED UNDER FEDERAL MEAT INSPECTION, DECEMBER, 1925

Station	Cattle	Calves	Sheep	Goats	Swine
Baltimore.....	6,480	2,244	524	-----	78,464
Brooklyn.....	6,866	9,710	27,736	1	-----
Buffalo.....	9,136	3,307	8,446	-----	83,649
Chicago.....	200,217	59,353	212,470	93	642,612
Cincinnati.....	11,620	7,014	3,812	4	73,565
Cleveland.....	9,590	8,791	13,021	-----	86,636
Denver.....	10,699	2,215	8,947	-----	42,249
Detroit.....	8,343	7,492	20,313	-----	96,451
Fort Worth.....	48,600	41,395	10,687	190	18,561
Indianapolis.....	20,872	3,614	2,480	5	147,953
Jersey City.....	4,997	8,950	24,292	1	74,954
Kansas City.....	109,949	26,450	95,247	1,197	183,098
Milwaukee.....	15,807	50,610	3,500	1	175,927
National Stock Yards.....	46,680	7,381	22,907	687	155,239
New York.....	30,445	41,507	134,678	-----	111,790
Omaha.....	86,431	9,763	118,886	14	159,896
Philadelphia.....	9,012	7,306	14,366	-----	90,836
St. Louis.....	16,964	3,385	4,902	1	142,974
Sioux City.....	43,075	5,481	40,152	-----	155,701
South St. Joseph.....	38,233	7,858	76,731	4	136,440
South St. Paul.....	52,474	63,911	42,269	-----	375,761
All other establishments.....	140,402	67,734	94,752	737	1,500,263
Total: December, 1925.....	926,892	445,471	981,118	2,935	4,533,019
December, 1924.....	925,874	415,579	971,916	5,718	6,600,306
12 months ended December, 1925.....	9,853,039	5,352,561	12,000,994	39,004	43,042,867
12 months ended December, 1924.....	9,593,075	4,935,030	11,990,831	32,585	52,872,634

The figures for cattle slaughtered for the nine months ended September, 1924, shown on page 95 of the October, 1925, Service and Regulatory Announcements, should read 6,699,025 instead of 6,999,025.

Horses slaughtered at all establishments, December, 1925, 5,346. Inspections of lard at all establishments, 160,000,934 pounds; compound and other substitutes, 40,413,682 pounds. Corresponding inspections for December, 1924: Lard, 204,038,675 pounds; compound and other substitutes, 38,614,409 pounds.

(These totals do not represent actual production, as the same lard or compound may have been inspected and recorded more than once in the process of manufacture.)

CAUSES FOR CONDEMNATION OF CARCASSES, NOVEMBER, 1925

Cause	Cattle	Calves	Sheep	Swine
Emaciation.....	732	107	378	69
Hog cholera.....	-----	-----	-----	1,857
Inflammatory diseases.....	884	148	462	1,915
Immaturity.....	-----	346	-----	-----
Tuberculosis.....	6,624	41	-----	4,095
All other causes.....	1,687	201	498	3,071
Total.....	9,027	843	1,338	11,007

IMPORTS OF FOOD ANIMALS AND OF MEATS AND MEAT FOOD PRODUCTS

The statements following show the imports of food animals and of meats and meat food products inspected by the Bureau of Animal Industry during December, 1925, with figures for other periods for comparison.

Imports of food animals

Country of export	Cattle	Swine	Sheep	Goats
Mexico.....	18, 478	70	8, 629	2
Canada.....	14, 894	944	2, 581	17
Total: December, 1925.....	33, 372	1, 014	11, 210	19
December, 1924.....	10, 819	1, 876	14, 248	30
12 months ended December, 1925.....	245, 210	90, 300	91, 828	231
12 months ended December, 1924.....	208, 003	29, 070	88, 630	10, 155

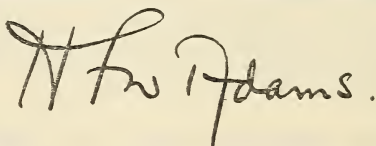
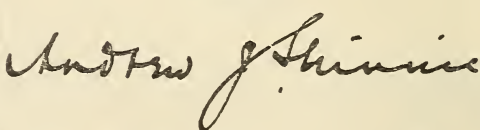
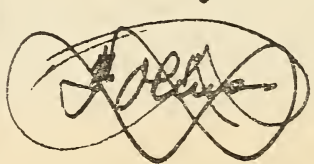
Imports of meat and meat food products, December, 1925

Country of export	Fresh and refrigerated		Canned and cured	Other products	Total weight
	Beef	Other			
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
Argentina.....	35, 030	52, 500	132, 235	-----	219, 765
Australia.....	-----	110	28, 800	-----	28, 910
Brazil.....	72	-----	-----	-----	72
Canada.....	961, 535	430, 846	112, 209	167, 179	1, 671, 769
Uruguay.....	-----	-----	251, 130	64, 393	315, 523
Other countries.....	-----	1, 079	48, 176	71, 315	120, 570
Total: December, 1925.....	996, 637	484, 535	572, 550	302, 887	2, 356, 609
December, 1924.....	135, 319	633, 817	996, 249	90, 911	1, 856, 296
12 months ended December, 1925.....	8, 019, 739	11, 871, 553	11, 710, 292	2, 478, 140	34, 079, 724
12 months ended December, 1924.....	11, 110, 724	11, 749, 291	11, 302, 381	2, 426, 807	36, 589, 203

Condemned in December, 1925: Beef, 354 pounds; pork, 3,256 pounds; total, 3,610 pounds.
 Refused entry: Beef, 1,550 pounds; pork, 2,595 pounds; total, 4,145 pounds.

FOREIGN MEAT-INSPECTION OFFICIALS

The following are additional names and facsimile signatures of foreign national Government officials authorized to sign and issue certificates of inspection for meat and meat food products offered for importation into the United States:

Country and name	Signature
ENGLAND	
H. F. W. Adams.....	
Andrew J. Shinnie.....	
SPAIN	
F. Oliva.....	

SUMMARY OF TUBERCULOSIS-ERADICATION WORK IN COOPERATION WITH STATES, DECEMBER, 1925

State	Tuberculin tests during month			Total to date			Inspector in charge	State official
	Herds or lots	Cattle tested	Cattle reacted	Once-tested-free herds	Accredited herds	Herds under supervision		
Ala.....	64	2,242	17	2,816	194	3,585	R. E. Jackson.....	C. A. Cary, Auburn.
Ariz.....	338	3,235	69	4,791	21	5,968	F. L. Schneider.....	S. E. Douglas, Phoenix.
Ark.....	31	249	0	2,898	26	3,481	H. L. Fry.....	J. H. Bux, Little Rock.
Calif.....	125	5,339	74	2,565	80	2,661	R. Snyder.....	J. P. Iverson, Sacramento.
Colo.....	319	1,875	71	1,513	75	1,811	W. E. Howe.....	C. G. Lamb, Denver.
Conn.....	245	5,375	416	698	834	2,179	R. L. Smith.....	J. M. Whittlesey, Hartford.
Del.....	240	675	57	2,136	1,091	3,851	W. G. Middleton.....	O. A. Newton, Bridgeville.
D. C.....	23	181	0	253	26	286	J. A. Kiernan.....	
Fla.....	63	1,021	9	5,967	380	6,781	J. G. Fish.....	J. V. Knapp, Tallahassee.
Ga.....	267	2,370	10	8,093	39	8,908	A. L. Hirleman.....	P. F. Bahnsen, Atlanta.
Idaho.....	240	12,569	47	22,247	83	25,380	W. A. Sullivan.....	W. R. Smith, Boise.
Ill.....	5,005	52,345	3,193	77,967	1,328	94,556	J. J. Lintner.....	F. A. Laird, Springfield.
Ind.....	3,284	24,471	293	52,782	14,806	68,616	J. E. Gibson.....	R. C. Julien, Indianapolis.
Iowa.....	5,144	95,846	2,378	56,846	6,078	103,448	J. A. Barger.....	M. G. Thornburg, Des Moines.
Kans.....	2,104	26,694	263	24,730	1,001	26,829	N. L. Townsend.....	J. H. Mercer, Topeka.
Ky.....	1,100	6,555	32	44,994	52	52,202	W. F. Biles.....	W. H. Simmons, Frankfort.
La.....	261	4,892	61	2,607	36	6,198	A. F. Staub.....	E. P. Flower, Baton Rouge.
Me.....	616	5,967	79	15,559	2,755	18,959	J. B. Reidy.....	H. M. Tucker, Augusta.
Md.....	543	8,539	256	6,997	1,809	14,682	T. A. Ladson.....	James B. George, Baltimore.
Mass.....	193	3,659	616	810	347	1,671	E. A. Crossman.....	L. H. Howard, Boston.
Mich.....	3,891	30,048	542	72,170	141	74,568	T. S. Rich.....	H. W. Norton, jr., Lansing.
Minn.....	1,763	38,548	881	21,652	7,256	33,039	W. J. Fretz.....	C. E. Cotton, St. Paul.
Miss.....	26	748	11	1,980	133	2,216	W. McPherson.....	P. P. Garner, Jackson.
Mo.....	220	2,599	27	55,371	880	58,662	Ralph Graham.....	H. A. Wilson, Jefferson City.
Mont.....	204	6,590	24	21,157	62	21,994	J. W. Murdoch.....	W. J. Butler, Helena.
Nebr.....	1,275	17,958	249	27,868	139	29,243	W. C. Herrold.....	C. H. Hays, Lincoln.
Nev.....	67	865	2	2,300	11	3,189	L. C. Butterfield.....	Edward Records, Reno.
N. H.....	376	5,486	264	1,948	2,010	4,327	E. A. Crossman.....	A. L. Felker, Concord.
N. J.....	218	2,775	172	1,574	725	2,522	W. G. Middleton.....	J. H. McNeil, Trenton.
N. Mex.....	71	743	15	3,402	12	3,687	F. L. Schneider.....	Mat. Keenan, Albuquerque.
N. Y.....	5,052	57,305	6,504	29,050	17,832	60,944	H. B. Leonard.....	E. T. Faulder, Albany.
N. C.....	3,630	9,133	64	180,223	151	193,341	W. C. Dendinger.....	Wm. Moore, Raleigh.
N. Dak.....	1,922	35,362	230	23,127	3,145	29,630	H. H. Cohenour.....	W. F. Crews, Bismarck.
Ohio.....	4,616	31,816	1,275	57,416	1,115	62,484	A. J. De Fosset.....	F. A. Zimmer, Columbus.
Okla.....	23	859	2	84	302	404	H. Grafke.....	J. A. Whitehurst, Oklahoma City.
Oreg.....	2,488	17,370	195	66,819	1,001	67,914	S. B. Foster.....	W. H. Lytle, Salem.
Pa.....	4,736	45,326	3,427	52,110	3,915	63,446	P. E. Quinn.....	T. E. Munce, Harrisburg.
R. I.....	46	1,109	249	26	40	115	E. A. Crossman.....	T. E. Robinson, Providence.
S. C.....	138	1,379	9	6,951	179	7,183	W. K. Lewis.....	W. K. Lewis, Columbia.
S. Dak.....	981	19,917	362	2,347	556	3,354	J. O. Wilson.....	M. W. Ray, Pierre.
Tenn.....	542	5,346	49	15,875	215	16,195	H. M. O'Rear.....	W. B. Lincoln, Nashville.
Tex.....	403	2,986	16	503	255	1,005	H. L. Darby.....	N. F. Williams, Fort Worth.
Utah.....	1,843	9,247	80	10,211	90	11,185	F. E. Murray.....	W. H. Hendricks, Salt Lake City.
Vt.....	1,087	20,588	311	1,714	3,801	8,229	L. H. Adams.....	Edward H. Jones, Montpelier.
Va.....	331	5,986	89	5,969	1,828	8,074	R. E. Brookbank.....	J. G. Ferneyhough, Richmond.
Wash.....	661	9,314	146	37,385	80	40,073	J. C. Exline.....	Robert Prior, Olympia.
W. Va.....	582	4,852	82	8,082	676	8,874	H. M. Newton.....	John W. Smith, Charleston.
Wis.....	8,712	137,982	1,680	64,248	7,417	74,523	J. S. Healy.....	John D. Jones, jr., Madison.
Wyo.....	-----	-----	-----	6,418	5	7,170	John T. Dallas.....	A. W. French, Cheyenne.
Total.....	66,109	786,387	24,898	1,115,249	85,033	1,349,642		

LICENSES FOR VETERINARY BIOLOGICAL PRODUCTS

LICENSES ISSUED

United States veterinary license No. 4, dated January 8, 1926, was issued to the Abbott Laboratories, Fourteenth Street and Sheridan Road, North Chicago, Ill., for the preparation of the following products: Antidistemper serum (canine); autogenous bacterin; avian tuberculin; bacillus abortus bacterin (bovine); bacillus avisepticus bacterin; bacillus suisiepticus bacterin; blackleg filtrate; blackleg vaccine; canine distemper mixed bacterin; equine abortion mixed bacterin; equine hemorrhagic septicemia bacterin; gastroenteritis mixed bacterin (equine); hemorrhagic-septicemia bacterin (bovine); hemorrhagic-septicemia bacterin (for sheep); joint-ill mixed bacterin (equine); mammitis mixed bacterin

(bovine); mixed bacterin (for rabbits); mixed infection bacterin (bovine); mixed infection bacterin (canine); mixed infection bacterin (for fowls); mixed infection bacterin (for sheep); mixed infection bacterin (for swine); pig-scur mixed bacterin; polyvalent mixed bacterin (equine); staphylo-bacterin (canine); strepto bacterin (equine); streptococcus mastitis bacterin (bovine); swine-abortion mixed bacterin; tuberculin; white-scur mixed bacterin (bovine).

United States veterinary license No. 10, dated January 22, 1926, was issued to the United Serum Co., East Twenty-first Street and Wabash Avenue, Wichita, Kans., for the preparation of the following products: Anti-hog-cholera serum; hog-cholera virus.

United States veterinary license No. 107, dated January 15, 1926, was issued to the Jensen-Salsbery Laboratories (Inc.), 520 West Pennway, Kansas City, Mo., and southwest corner Shawnee Road and Forest Avenue, Kansas City, Kans., for the preparation of the following products: Anthrax aggrassin.

United States veterinary license No. 148, dated January 6, 1926, was issued to W. F. Straub Laboratories (Inc.), 5514-5520 Norwood Park Avenue, Chicago, Ill., for the preparation of the following products: Anticanine distemper serum; blackleg filtrate; canine mixed infection bacterin; equine hemorrhagic-septicemia bacterin; swine abortion mixed bacterin.

PERMITS ISSUED

Permit No. 6, dated January 8, 1926, was issued to A. Charklian, 500 Fifth Avenue, New York City, for the importation of the following products manufactured by Institute de Sérothérapie, 22 Rue Ingres, Toulouse, France: Blackleg cultural aggrassin; blackleg bacterin.

Permit No. 6, dated January 30, 1926, was issued to A. Charklian, 500 Fifth Avenue, New York City, for the importation of the following products manufactured by Laboratoire de Bacteriologie de Laigle, Laigle, France: Distemper mixed bacterin (equine); endometritis mixed bacteria (bovine and equine); fowl-typhoid and fowl-cholera mixed bacterin; hemorrhagic septicemia and infectious enteritis mixed bacterin (swine); infectious abortion mixed bacterin (bovine); mastitis mixed bacterin (bovine).

LICENSES TERMINATED

United States veterinary licenses No. 4, issued January 1, 1921, June 10, 1921, and December 10, 1923, to the Abbott Laboratories, 4753 Ravenswood Avenue, Chicago, Ill., were terminated January 8, 1926, and license No. 4, dated January 8, 1926, was issued to the firm at its new location, as indicated above.

United States veterinary license No. 10, issued April 14, 1922, to the United Serum Co., East Twenty-first Street and Wabash Avenue, Wichita, Kans., was terminated January 22, 1926, and a new license, No. 10, was issued as indicated above.

United States veterinary license No. 10-3, issued June 23, 1922, to the United Serum Co., 211 Central Avenue, Kansas City, Kans., was terminated February 1, 1926, on account of the discontinuance of operations.

United States veterinary license No. 72, issued January 1, 1921, to the Central Missouri Serum Co., South Eastwood Avenue, Marshall, Mo., was terminated January 21, 1926, on account of dissolution of the company.

ANTI-HOG-CHOLERA SERUM AND HOG-CHOLERA VIRUS PRODUCED UNDER VETERINARY LICENSE, DECEMBER, 1925

	Cubic centimeters
Ordinary serum.....	13, 894, 534
Clear serum.....	9, 249, 737
Total serum.....	23, 144, 271
Simultaneous virus.....	2, 153, 593
Hyperimmunizing virus.....	4, 340, 860
Total for year:	
Ordinary serum.....	194, 934, 574
Clear serum.....	134, 006, 322
Total serum.....	328, 940, 896
Simultaneous virus.....	34, 174, 548
Hyperimmunizing virus.....	60, 838, 409

TEXAS-FEVER QUARANTINE

PLACES TO WHICH SOUTHERN CATTLE MAY BE SHIPPED FOR IMMEDIATE SLAUGHTER

(List revised to January 9, 1926)

State and Federal permission has been granted for the shipment of southern cattle for immediate slaughter to the following-named places:

ILLINOIS: *Chicago*—Union Stock Yards Co. *East St. Louis*—East Side Packing Co. *National Stock Yards*—St. Louis National Stock Yards Co.
 INDIANA: *Indianapolis*—Brown Bros.; Kingan & Co.; the Indianapolis Abattoir Co. *Muncie*—Kuhner Packing Co.
 IOWA: *Ottumwa*—John Morrell & Co. *Sioux City*—The Cudahy Packing Co.
 KANSAS: *Kansas City*—Kansas City Stock Yards Co. *Wichita*—Wichita Union Stock Yards Co. (Cudahy pens).
 MASSACHUSETTS: *Brighton*—Brighton Abattoir Co. *Somerville*—New England Dressed Meat & Wool Co.; Sturtevant & Haley Beef and Supply Co.
 MICHIGAN: *Detroit*—Hammond, Standish & Co.; Michigan Central Stock Yards Co.; Newton Packing Co.; Parker-Webb & Co.; Sullivan Packing Co.
 MISSOURI: *Kansas City*—Kansas City Stock Yards Co. *St. Louis*—St. Louis Independent Packing Co.; Swift & Co. *South St. Joseph*—St. Joseph Stock Yards Co.
 NEBRASKA: *South Omaha*—Union Stock Yards Co.
 NEW YORK: *Buffalo*—East Buffalo Stock Yards Co.; Jacob Dold Packing Co. *New York*—Armour & Co.; Moe Frank; New York Butchers' Dressed Meat Co.; Joseph Stern & Sons; Strauss & Alder; Wilson & Co.; Swift & Co.; United Dressed Beef Co.
 OHIO: *Cleveland*—Cleveland Provision Co.; Koblenzer Bros.; Lake Erie Provision Co.; Long Dressed Beef Co.; Ohio Provision Co.; Swift & Co.
 OKLAHOMA: *Oklahoma City*—Oklahoma National Stock Yards.
 PENNSYLVANIA: *Allentown*—Arbogast & Bastian Co. *Altoona*—United Home Dressed Meat Co. *Butler*—Butler Beef & Provision Co. *Chester*—John J. Buckley Co. *Coatesville*—The Beiswanger Packing Corporation. *Erie*—Hlabach Brothers. *Harrisburg*—Brelsford Packing & Storage Co. *Johnstown*—Armour & Co.; Ferguson Packing Co. *Lancaster*—Lancaster Stock Yards. *Lock Haven*—Wimer Packing Plant. *McKeesport*—Peters Packing Co. *Mount Carmel*—L. W. Weissinger & Bros. *Philipsburg*—Philipsburg Beef Co. *Pittsburgh*—Armour & Co.; Dunlevy-Franklin Co.; Pittsburg Provision Packing Co.; Swift & Co.; Union Stock Yards Co. *Punxsutawney*—Punxsutawney Beef & Provision Co. *Reading*—Reading Abattoir Co. *Seranton*—Frank Carr; Stowers Pork Packing & Provision Co. *Shamokin*—Croninger Packing Co. *Washington*—E. J. Young Packing Co. *Williamsport*—Williamsport Packing Co.; John Peters.
 WEST VIRGINIA: *Wheeling*—F. Schenk & Sons Co.
 WISCONSIN: *Cudahy*—Cudahy Bros. *Milwaukee*—Plankinton Packing Co.

PERMITTED DISINFECTANTS

(List revised to January 8, 1926)

In accordance with the provisions of B. A. I. Order 292, the bureau has granted permission for the use of the following saponified cresol solutions, in the general disinfection of cars, yards, and other premises:

Name of disinfectant	Manufacturer
A cresol Cresol Compound.....	The Selig Co., 12 Latimer Street, Atlanta, Ga.
Anchor Brand Cresol Compound.....	The Antiseptic Products Co., 3101 Walnut Street, Denver, Colo.
Atlas 50% Cresol Compound.....	Chipman Chemical Engineering Co. (Inc.), 95 Liberty Street, N. Y. City.
Clarisol.....	International Chemical Co., 3130-3140 South Canal Street, Chicago, Ill.
Cooper's Saponified Cresol Solution.....	Wm. Cooper & Nephews, Chicago, Ill.
Cre-U-Cris.....	Rochester Germicide Co., Rochester, N. Y.
Cre-Septic.....	Theo. B. Robertson Products Co., Chicago, Ill.
Crestall Dip.....	Baird & McGuire, Boston, Mass.
Cresylene Cresol Compound.....	The Hunt Manufacturing Co., Cleveland, Ohio.
Cresuan Saponified Cresol Solution.....	U. S. Sanitary Specialties Corporation, 435-441 South Western Avenue, Chicago, Ill.
Dinsol.....	Meyer Bros. Drug Co., St. Louis, Mo.
Dr. Hess Disinfectant-Special.....	Drs. Hess and Clark, Ashland, Ohio.
Germo-Cresolis.....	Germo Manufacturing Co., St. Louis, Mo.
Glidden Shur-Shot Disinfectant.....	The Glidden Co., Cleveland, Ohio.
Karspray.....	West Disinfecting Co., New York, N. Y.
Key-State Disinfectant.....	Interstate Chemical Co., Jersey City, N. J.
Kremulso.....	Leeds Chemical Co., Kansas City, Mo.
Li-Cresol.....	The Jensen-Salsbery Laboratories, Twenty-first and Penn Streets, Kansas City, Mo.
Lieresolis.....	West Disinfecting Co., New York, N. Y.
Masol.....	Charles B. Rodes, 3435 Broadway, Kansas City, Mo.
Mapco 50% Cresol Compound.....	Michel & Pelton Co., 639 Howard Street, San Francisco, Calif.
Midland Cresol Compound.....	Midland Chemical Co., Dubuque, Iowa.
Moorman's Saponified Cresol.....	Moorman Manufacturing Co., Quincy, Ill.
NSCO Cresol Compound.....	National Supply Co., Birmingham, Ala.
Parke, Davis & Co., Compound Solution of Cresol, U. S. P.	Parke, Davis & Co., Detroit, Mich.

Name of disinfectant	Manufacturer
Pennsylvania Railroad Saponified Cresol Solution.	Pennsylvania Railroad Co., Altoona, Pa.
Red Seal Liquor Cresolis Compound.....	Shores-Mueller Co., Cedar Rapids, Iowa.
Reilly's Cresolis Compound.....	Republic Creosoting Co., Merchants Bank Building, Indianapolis, Ind.
Rizdol Compound Dip and Spray.....	Sanatory Chemical Co., 142 North Third Street, Louisville, Ky.
Roger's 50% Cresol Solution.....	Detroit White Lead Works, Chicago, Ill.
Sanitas Sytol.....	The Sanitas Co., 33 Keap Street, Brooklyn, N. Y.
San-I-Sol.....	McLaughlin Gormley King Co., 1715 Fifth Street, SE., Minneapolis, Minn.
Sapo-Cresol Special.....	Cremoline Disinfecting Co., St. Louis, Mo.
Sherwin-Williams 50% Cresol Solution.....	The Sherwin-Williams Co., Chicago, Ill.
Solcreo S. L.....	The Standard Laboratories; 847 West Jackson Boulevard, Chicago, Ill.
Standard Saponified Cresol Solution.....	The Standard Chemical Co., Tacoma, Wash.
U. D. Solution Cresol Compound.....	United Drug Co., 43 Leon Street, Boston, Mass.
Van Schaack's Liquor Cresolis Comp.....	Peter Van Schaack & Sons, Chicago, Ill.
Western White Face Brand 50% Cresol Compound (Saponified).	Western Chemical Corporation, P. O. box 83, Houston, Tex.

Distributors of permitted disinfectants

Name of permitted disinfectant	Name under which distributed	Distributor
Clarisol.....	Buckeye Brand Saponified Cresol Solution.	Columbus Serum Co., Station C, Columbus, Ohio.
Cooper's Saponified Cresol Solution.	Blue Cross Saponified Cresol.	The Blue Cross Veterinary Supply Co., Superior, Nebr.
Crestall Dip.....	Hockwald's Creco-Lic Dip..	Hockwald Chemical Co., 531 Howard Street, San Francisco, Calif.
Do.....	Zelco Disinfectant.....	The Sanitary Products Corporation, 160 Fifth Avenue, New York, N. Y.
Do.....	Chemo Cattle Disinfectant..	Chemo Company, Buffalo, N. Y.
Do.....	Creco Special.....	United Sanitary Products Co. (Inc.), 65 Fifth Avenue, New York, N. Y.
Do.....	U-C-Co.'s Cresolis.....	United Chemical Companies, 401 Delaware Street, Kansas City, Mo.
Do.....	Carbola Liquid Disinfectant..	Carbola Chemical Co. (Inc.), Natural Bridge, N. Y.
Do.....	Booth's Cresol Compound..	J. M. Booth Chemical Co., 1020 East Overland Street, El Paso, Tex.
Creusan Saponified Cresol Solution.	Krefecto # 2.....	San Antonio Drug Co., San Antonio, Tex.
Midland Cresol Compound.	Cresylol.....	Norden Laboratories, Lincoln, Nebr.
Red Seal Liquor Cresolis Compound.	Fort Dodge Saponified Cresol.	Fort Dodge Serum Co., Fort Dodge, Iowa.
Do.....	Holt's Liquor Cresolis Compound.	Howard Holt Co., Cedar Rapids, Iowa.
San-I-Sol.....	San-I-Sol.....	Pett Stock Remedy Co., 33 South Twentieth-fifth Street, Council Bluffs, Iowa.
Do.....	20th Century Disinfectant..	20th Century Mfg. Co., Cedar Rapids, Iowa.
Sapo-Cresol Special Crespolin.		The Worrell Mfg. Co., St. Louis, Mo.
Sherwin-Williams 50% Cresol Solution.	Hemingway's 50% Cresol Solution.	Hemingway & Co. (Inc.), Chicago, Ill.

PERMITTED DIP FOR SCABIES OF CATTLE AND SHEEP

"Dow Dry Lime Sulphur," manufactured by the Dow Chemical Co., Midland, Mich., is permitted by the department in the official dipping of cattle and sheep for scabies. This permission is granted with the understanding that the product must first be dissolved in water at or near the boiling point before being added to the dipping vat, and that if any significant proportion remains undissolved it shall be allowed to settle out and only the clear liquid be added to the dipping vat. The dilutions at which this product is permitted are as follows: For cattle, not less than 32 pounds of the product to 100 gallons of water. For sheep, not less than 24 pounds of the product to 100 gallons of water.

RESULTS OF PROSECUTIONS FOR VIOLATIONS OF LAWS

Penalties and fines have been imposed in prosecutions for violations of regulatory laws, as reported to the bureau, as follows:

Livestock Quarantine Law

Grand Trunk Railway System, interstate transportation of one dead hog in same car with live animals, \$100 fine.

St. Joseph & Grand Island Railway Co., interstate transportation of one tuberculous cow without certificate, \$100 fine.

William Hoerschelman, Andrew, Iowa, interstate shipment of one tuberculin reactor without certificate, \$100 fine.

Twenty-Eight-Hour Law

Baltimore & Ohio Railroad Co., \$100 penalty.

Central of Georgia Railway, \$100 penalty.

Great Northern Railway Co., \$250 penalty.

Louisville & Nashville Railroad Co., \$100 penalty.

Missouri Pacific Railroad Co., \$100 penalty.

New York Central Railroad Co., \$100 penalty.

Norfolk & Western Railway Co., \$100 penalty.

Pennsylvania Railroad Co. (16 cases), \$1,600 penalty.

St. Louis-San Francisco Railway Co. (10 cases), \$1,000 penalty.

Wabash Railway Co., \$100 penalty.

Western & Atlantic Railroad (2 cases), \$200 penalty.

NEW PUBLICATIONS OF THE BUREAU

[The bureau keeps no mailing list for sending publications to individual employees, but publications are sent in bulk to officers in charge for distribution to members of their forces. The number of copies sent varies with the subject or nature of the publication and the number and class of employees. Officers in charge will use their judgment and distribute publications to best advantage. So far as possible additional copies will be furnished on request.]

Department Bulletin 1394. Normal Growth of Range Cattle. By A. B. Clawson, Pathological Division. Pp. 12, figs. 4.

Farmers' Bulletin 779. How to Select a Sound Horse. (Revised.) By H. H. Reese, Animal Husbandry Division. Pp. 22, figs. 35.

Farmers' Bulletin 803. Horse-Breeding Suggestions for Farmers. By H. H. Reese, revised by J. O. Williams and S. R. Speelman, of Animal Husbandry Division. Pp. 18, figs. 11.

The Genetics of Sex in Hemp. By Hugh C. McPhee, Animal Husbandry Division. In Journal of Agricultural Research, vol. 31, No. 10, November 15, 1925. A-102. Pp. 935 to 943.

Effects of Feeding Animals with Trichinous Meat Containing Nonviable Trichinae. By Benjamin Schwartz, Zoological Division. In Journal of Agricultural Research, vol. 31, No. 10, November 15, 1925. A-105. Pp. 945 to 947.

Department Circular 241. Food Animals and Meat Consumption in the United States. (Revised.) By John Roberts, Editorial Office. Pp. 23, figs. 9.

Separate from Yearbook 1924, No. 917. The Poultry Industry. By M. A. Jull, A. R. Lee, and H. Bunyea, with others from Bureaus of Agricultural Economics, Home Economics, and Biological Survey. Pp. 377 to 456, figs. 53.

Amendment 8 to B. A. I. Order 294. Declaring names of counties and parts thereof placed in modified accredited areas for tuberculosis, as follows: Dickinson and Worth Counties, Iowa; Pawnee, Kans.; Kalkaska, Otsego, and Ottawa, Mich.; part of Sheridan County, Wyo.; Burt, Nebr.; Steuben, N. Y.; Alexander and Duplin Counties, N. C.; Nelson, N. Dak.; and parts of Windsor and Orange Counties, Vt. Effective January 4, 1926, for three years. P. 1 (mimeographed).

Poster, 14 by 20 inches, Do You Know Good Beef? Printed in four colors and to be used in connection with animal husbandry work.

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